

Title (en)
WASHING OR CLEANING AGENTS

Title (de)
WASCH- ODER REINIGUNGSMITTEL

Title (fr)
AGENTS DE LAVAGE OU DE NETTOYAGE

Publication
EP 4314223 A1 20240207 (DE)

Application
EP 22718917 A 20220329

Priority

- DE 102021203178 A 20210330
- EP 2022058190 W 20220329

Abstract (en)
[origin: WO2022207590A1] The invention relates to special washing or cleaning agents, comprising at least one gel, preferably a gel that is solid at room temperature (20 °C), based in each case on the total weight of the gel, 3 to 40 wt.%, preferably 4 to 20 wt.%, in particular 5 to 18 wt.%, PVOH and/or the derivatives thereof; and a. at least one component having a parameter $r \leq 15.3 \text{ MPa}^{1/2}$ and b. at least one component having a parameter $r \geq 16.3 \text{ MPa}^{1/2}$; and c. optionally at least one additional active substance, preferably selected from dyes, glass corrosion inhibitors, perfumes, pH regulators and additional process auxiliaries; wherein at least one of the components according to a) or b) is liquid at 20 °C.

IPC 8 full level
C11D 3/37 (2006.01); **C11D 11/00** (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP)
C11D 3/3753 (2013.01); **C11D 17/003** (2013.01); **C11D 2111/14** (2024.01)

Citation (search report)
See references of WO 2022207590A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
DE 102021203178 A1 20221006; EP 4314223 A1 20240207; WO 2022207590 A1 20221006

DOCDB simple family (application)
DE 102021203178 A 20210330; EP 2022058190 W 20220329; EP 22718917 A 20220329